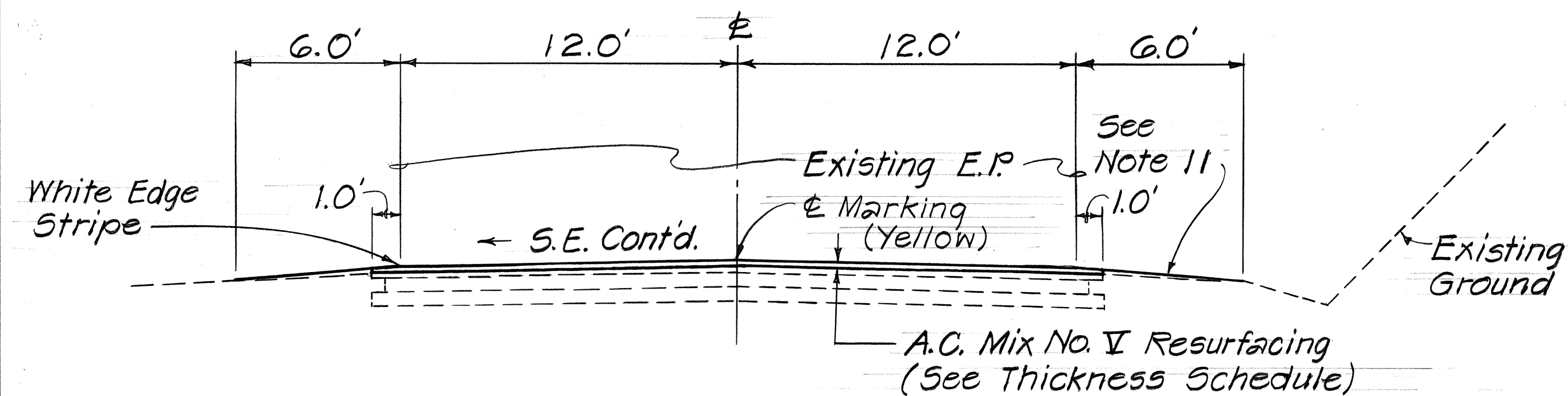
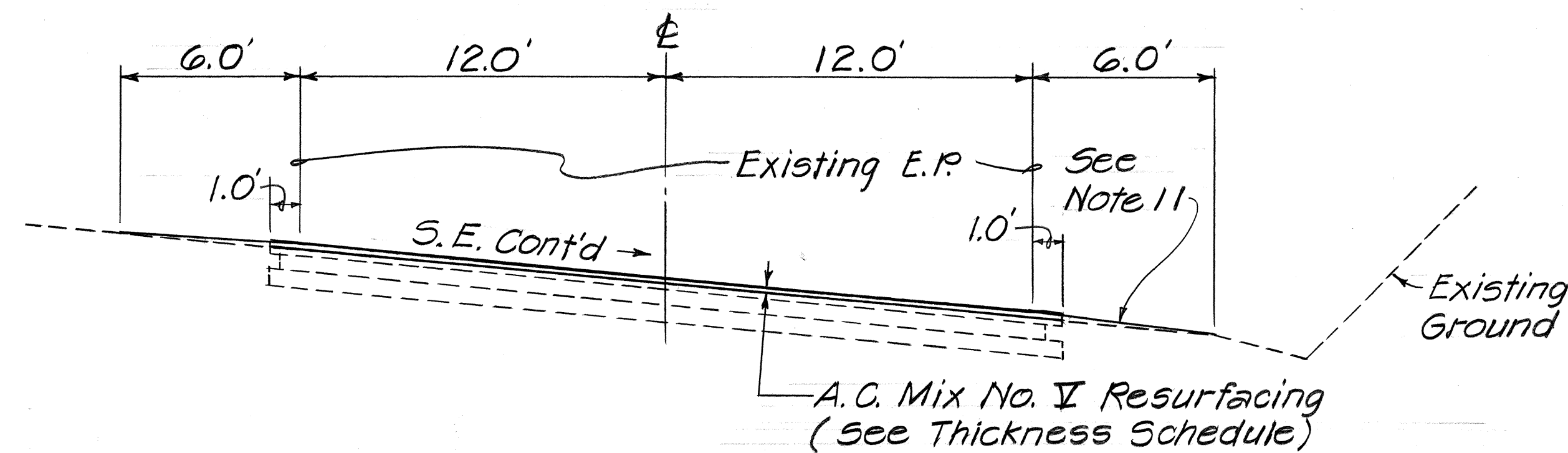


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	RS-0440(3)	1987	3	3



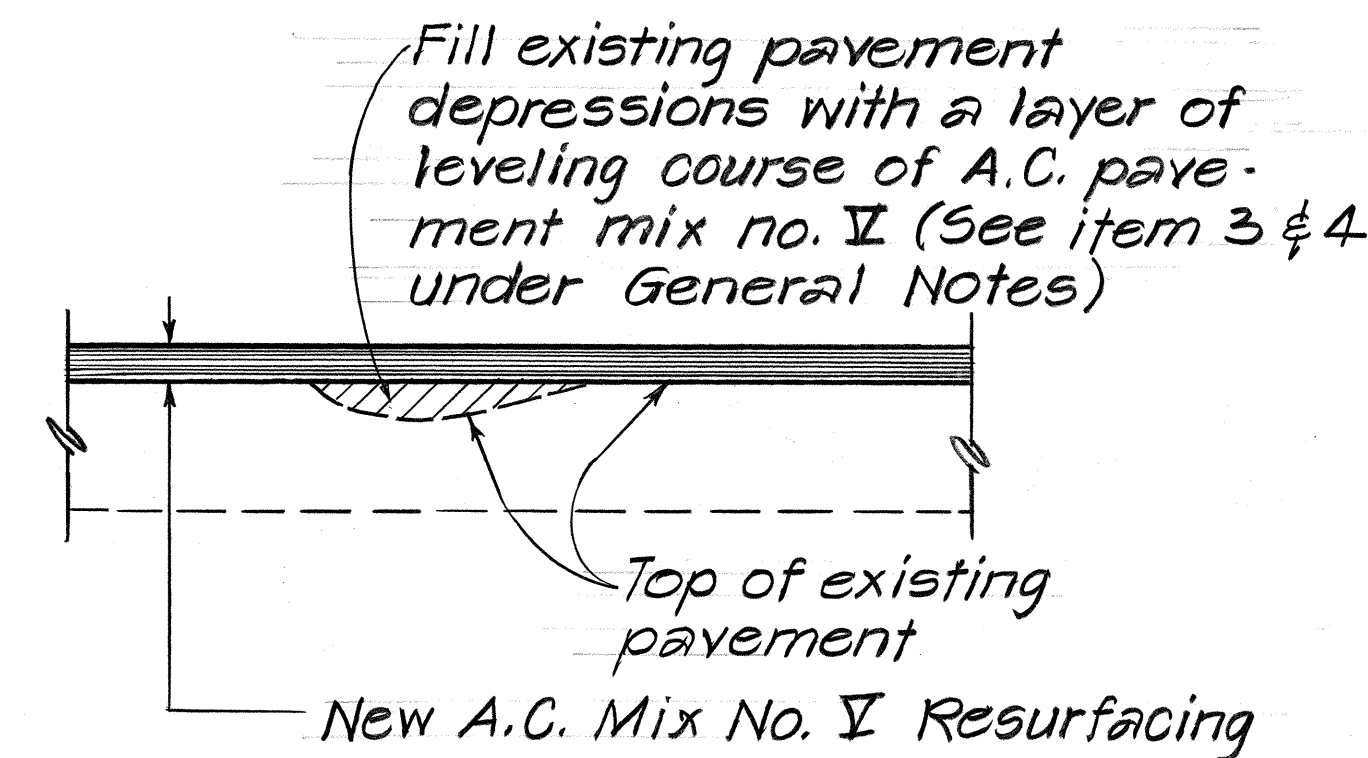
TYPICAL TANGENT SECTION

Scale: 1/4" = 1'-0"



TYPICAL SUPERELEVATED SECTION

Scale: 1/4" = 1'-0"



LEVELING COURSE DETAIL

Not to Scale

*** PAVEMENT STRIPING & MARKER SUMMARY**

STATION TO STATION	CONDITION	4" White (L.F.)	4" YELLOW (L.F.)	4" Double Yellow (L.F.)	TYPE D (Each)	TYPE H (Each)	TYPE J (Each)
158+00 - 311+20	Edge Striping	30,640					
158+00 - 162+00	Passing				10		40
162+00 - 166+35	One Way Passing-Lt.		435		11	11	44
167+15 - 172+15	One Way Passing-Rt.		500		13	13	52
172+15 - 219+60	Passing				119		476
219+60 - 230+15	One Way Passing-Lt.		1,055		27	27	108
230+15 - 238+85	No Passing			870	44		
238+85 - 243+85	One Way Passing-Rt.		500		13	13	52
243+85 - 253+40	Passing				24		96
253+40 - 281+40	No Passing			2,800	140		
281+40 - 311+20	Passing				75		300
TOTALS		30,640	2,490	3,670	476	64	1,168

* SEE PLAN SHEET 35-1 FOR REVISION

RESURFACING THICKNESS SCHEDULE

STATION TO STATION	THICKNESS
158+00 - 204+20	2 1/2"
204+20 - 295+10	1 1/2"
295+10 - 311+20	2 1/2"

312+00

REGULATORY & WARNING SIGN W/ POST SUMMARY (10 SQ. FT. OR LESS)

STATION	WARNING	REGULATORY	QTY.
162+00 Rt.	W2-1		1
172+00 Lt.	W2-1		1
207+50 Rt.		R2-1 (45)	1
211+00 Lt.		R2-1 (45)	1
296+00 Rt.		R2-5b (35)	1
300+00 Rt.		R2-1 (35)	1
304+00 Rt.		R2-5b (20)	1
308+00 Rt.	W2-1		1
308+00 Lt.		R2-1 (45)	1
309+00 Rt.		R2-1 (20)	1
TOTAL			10

CENTERLINE MONUMENTS

LOCATIONS	QTY.
P.C. STA. 229+43.34	1
P.T. STA. 234+51.67	1
P.C. STA. 261+28.43	1
P.T. STA. 273+56.21	1
INTERSECTION STA. 310+73.91	1
TOTAL	5

GENERAL NOTES

- This project begins approximately 350' southwest of the Airport Road Intersection on Kaumalapau Highway and proceeds in an easterly direction toward Lanai City. The overall length of this project is 2.90 miles.
- Improvements consist of roadway resurfacing with asphalt concrete, pavement striping and markers, adjust existing Centerline Monuments and install regulatory and warning signs to replace existing ones.
- Prior to placing leveling course or resurfacing, the existing surface shall be cleaned as described in Section 310 of the Standard Specifications and as amended. Payment shall be considered incidental to A.C. Pavement Mix No. V.
- All holes, cracks and large depressions shall be filled, leveled and compacted with A.C. Pavement, Mix No. V prior to resurfacing as directed by the Engineer. Payment shall be considered incidental to A.C. Pavement Mix No. V.
- Smooth riding connections shall be constructed at the beginning and the end of the project, at all connecting approaches, and at extra widening as directed by the Engineer. Payment for this work shall be made under A.C. Pavement Mix No. V.
- The Contractor's attention is directed to Sub-section of 104.04 and Section 645 of the Standard Specifications and Section 645 of the Special Provisions concerning maintenance of traffic and Traffic Control.
- Before resurfacing, the Contractor shall remove and dispose of existing raised pavement markers. This work shall be considered incidental to A.C. Pavement Mix No. V.
- The Contractor shall reference all existing Pavement markings prior to resurfacing. Final placement of the new pavement markings shall be approved by the Engineer. For installation of pavement markers and striping See Standard Detail TE-30.
- The Contractor shall adjust all existing centerline monuments in accordance with the Standard Detail Sheet D-06. Payment for this work shall be made under Item No. 613.0100, Adjusting Centerline Monuments.
- Seven of the new signs to be installed are replacements for existing signs. Removal of existing signs shall be considered incidental to Item No. 621.5100 Regulatory and Warning Sign (10 square foot or less) with Post.

*** NOTE**

Locations of Passing and No Passing Zones will be approved by the Engineer. (See General Note No. 8)

11. Existing shoulder shall be dressed by the State maintenance crew

12. The Contractor shall notify the State, in writing, two weeks prior to starting paving operation.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS, ESTIMATED QUANTITIES & GENERAL NOTES

KAUMALAPAU HWY. RESURFACING VICINITY AIRPORT ROAD TOWARD LANAI CITY

F.A. PROJ. NO. RS-0440(3)
SCALE: AS NOTED DATE: AUG. 1986

SHEET No. 1 OF 1 SHEETS